

First Annual Official
Wireless Blue Book

...of the...

Wireless Association

...of...

America

MAY 1909

*Property of
Elmer W. Tallman*

CALL LETTERS E.P.
CHIEF OPERATOR
17th St.

First Annual Official

Wireless Blue Book

of the

Wireless Association

of

America

Containing a List of United States and Canadian
Wireless Telegraph Stations

Including

Merchant Vessels, Vessels of the U. S. Navy,
Revenue Cutters, and U. S. Amateur Stations

CORRECTED TO MAY 1st, 1909

Published by
MODERN ELECTRICS PUBLICATION
New York City

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Name of station and location	Call Letter	Wave Length in meters	Power	System	Owner	Intended for—
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UNITED STATES.

Albany, N. Y. (Hotel Ten Eyck).	BQ	300	2 K. W.	Comp.	U. W. T. Co.	Public service
Amesbury, Mass.	HY	—	2 K. W.	Pickard	Wireless Spec. Ap. Co.	—
Annapolis, Md. (Naval Academy).	QG	425	2½ K. W.	Comp.	U. S. Navy	Government use
Atlantic City, N. J. (Young's Pier).	AX	800	2 K. W.	do	U. W. T. Co.	Public service
Benton Harbor, Mich.	BH	—	—	do	do	do
Beaufort, N. C. (Pivers Island).	QS	425	5 K. W.	Massie	U. S. Navy	Government use
Boston, Mass. (Exchange Bldg.).	BN	450	2 K. W.	Comp.	U. W. T. Co.	Public service
Boston, Mass. (navy-yard).	PG	600	3 K. W.	Stone	U. S. Navy	Government use
Baltimore, Md.	B	400	—	Deforest	U. W. T. Co.	Public service
Brant Rock, Mass.	BO	1,800	15 K. W.	Fessenden	Nat. Elec. Sig. Co.	Communication with Scotland
Brooklyn, N. Y. (navy-yard).	PT	900	15 K. W.	Stone	U. S. Navy	Government use
Bridgeport, Conn.	BG	750	2 K. W.	Comp.	U. W. T. Co.	Public service
Buffalo, N. Y.	CB	Var.	15 K. W.	Clark	Clark Co.	do
Buffalo, N. Y.	BF	—	—	Comp.	U. W. T. Co.	do
Cambridge, Mass. (Harvard Uni.).	—	400	5 K. W.	Pierce	Harvard University	—
Cambridge, Mass.	—	Var.	3 K. W.	Stone	Stone Co.	—
Cape Cod, Wells-fleet, Mass.	CC	1,500	35 K. W.	Marconi	Marconi Co.	Trans-Atlantic
Cape Cod, North Truro, Mass.	PH	425	5 K. W.	Comp.	U. S. Navy	Government use
Cape Elizabeth, Me.	PA	425	5 K. W.	Telefunken	do	do
Cape Hatteras, N. C.	HA	450	3 K. W.	Comp.	U. W. T. Co.	Public service
Cape Henlopen, Lewes, Del.	PX	600	3 K. W.	do	U. S. Navy	Government use
Charleston, S. C.	SN	450	2 K. W.	do	U. W. T. Co.	Public service
Chicago, Ill.	GO	—	2 K. W.	do	do	do
Charleston, S. C. (navy-yard).	QU	600	5 K. W.	Massie	U. S. Navy	Government use
Cleveland, Ohio	CN	Var.	10 K. W.	Clark	Clark Co.	Public service
Detroit, Mich.	CW	Var.	5 K. W.	do	do	do
Detroit, Mich.	DR	—	—	Deforest	U. W. T. Co.	do
Diamond Shoals lightship.	QP	425	1 K. W.	Fessenden	U. S. Navy	Government use
Duluth, Minn.	CH	Var.	15 K. W.	Clark	Clark Co.	Public service
Duluth, Minn.	DM	—	—	Comp.	U. W. T. Co.	do
Elizabeth City, N. J.	HD	350	2 K. W.	do	do	do
Fire Island, N. Y.	PR	900	5 K. W.	Telefunken	U. S. Navy	Government use
Galilee, N. J.	G	450	2 K. W.	Comp.	U. W. T. Co.	Public service
Galveston, Tex.	GV	450	2 K. W.	do	do	do
Holland, Mich.	H	—	—	do	do	do
Isles of Shoals, N. H.	A	Var.	—	Stone	Stone Co.	do
Jacksonville, Fla.	—	—	—	Deforest	U. W. T. Co.	do

Name of station and location	Call Letter	Wave Length in meters	Power	System	Owner	Intended for—
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UNITED STATES, (Continued).

Jupiter Inlet, Fla.	RA	600	3 K. W.	Shoemaker	U. S. Navy	Government use
Key West, Fla.	KW	400	2 K. W.	Comp.	U. W. T. Co.	Public
Key West, Fla. (naval station).	RD	1,250	35 K. W.	do	U. S. Navy	Government use
Ludington, Mich.	HX	—	—	do	U. W. T. Co.	Public service
Manhattan Beach, Long Island.	DF	800	2 K. W.	do	do	do
Manitowoc, Wis.	MW	—	—	do	do	do
Mackinac Island, Mich.	HQ	—	—	do	do	do
Marquette, Mich.	CM	Var.	10 K. W.	Clark	Clark Co.	do
Milwaukee, Wis.	MK	—	5 K. W.	Comp.	U. W. T. Co.	do
Mobile, Ala.	MB	400	2 K. W.	do	do	do
Nantucket Shoals lightship.	PI	425	5 K. W.	Telefunken	U. S. Navy	Government use
New Orleans, La. (naval station).	DO	600	5 K. W.	do	do	do
New Orleans, La. (Hotel Grunewald).	HB	400	2 K. W.	Comp.	United Fruit Co.	Public service
New Orleans, La. (Hotel Grunewald).	HK	400	2 K. W.	do	U. W. T. Co.	do
Newport, R. I. (naval torpedo station).	PK	600	5 K. W.	Telefunken	U. S. Navy	Government use
New York City (Waldorf-Astoria).	WA	450	2 K. W.	Comp.	U. W. T. Co.	Public service
New York City (Hotel Plaza).	FS	450	2 K. W.	do	do	do
New York City (42 Broadway).	NY	Var.	2 K. W.	do	do	do
Norfolk, Va.	N	350	2 K. W.	do	do	do
Norfolk, Va. (navy-yard).	QL	900	3 K. W.	do	U. S. Navy	Government use
Pensacola, Fla. (navy-yard).	RK	900	10 K. W.	do	do	do
Philadelphia, Pa. (Bellevue-Stratford).	BS	400	2 K. W.	do	U. W. T. Co.	Public service
Philadelphia, Pa. (navy-yard).	PV	425	3 K. W.	Stone	U. S. Navy	Government use
Port Arthur, Tex.	RV	450	2 K. W.	Comp.	U. W. T. Co.	Public service
Port Bolivar, Tex.	PB	350	1 K. W.	do	do	do
Port Huron, Mich.	CH	Var.	10 K. W.	Clark	Clark Co.	Public service
Portsmouth, N. H. (navy-yard).	PC	600	3 K. W.	Stone	U. S. Navy	Government use
Sagaponak, N. Y.	MSK	350	2 K. W.	Marconi	Marconi Co.	Public service
Sault St. Marie, Mich.	SH	—	—	Comp.	U. W. T. Co.	do
Savannah, Ga.	SV	450	2 K. W.	do	do	do
Sea Gate, N. Y.	MSE	350	2 K. W.	Marconi	Marconi Co.	do
Siasconsett, Mass.	MSC	350	2 K. W.	do	do	do

Name of station and location	Call Letter	Wave Length in meters	Power	System	Owner	Intended for—
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UNITED STATES, (Continued).

Soo, Mich.	CJ	Var.	25 K. W.	Clark	Clark Co.	Public service
Southwest Pass, La.	SW	450	5 K. W.	Comp.	United Fruit Co.	do
St. Augustine, Fla.	QX	600	3 K. W.	Shoemaker	U. S. Navy	Government use
Tampa, Fla.	PD	600	10 K. W.	Deforest	U. W. T. Co.	Public service
Toledo, Ohio	CT	425	2 K. W.	Clark	Clark Co.	do
Toledo, Ohio	DX	—	—	Deforest	U. W. T. Co.	do
Washington, D. C. (navy-yard)	QI	900	15 K. W.	Comp.	U. S. Navy	Government use
Washington, D. C.	DC	600	3 K. W.	Fessenden	Nat. Elec. Sig. Co.	—
Washington, D. C. (Willard Hotel)	NW	—	—	—	—	—
Washington, D. C. (Capitol)	QK	—	2 K. W.	Comp.	Elliott Woods	—
Wilmingon, Del.	DU	—	2 K. W.	—	U. W. T. Co.	—
Aberdeen, Wash.	PF	450	2 K. W.	Comp.	U. W. T. Co.	Public service
Astoria, Oreg.	PC	450	2 K. W.	do	do	do
Avalon, Catalina Island, Cal.	PJ	300	1 K. W.	do	do	do
Avalon, Catalina Island, Cal.	A	450	2 K. W.	Pacific	Pacific W. T. Co.	do
Bellingham, Wash.	PU	450	—	do	do	do
Catalinas Isl., Cal.	PI	—	—	do	U. W. T. Co.	do
Cape Blanco, Denmark, Oreg.	TA	425	5 K. W.	Massie	U. S. Navy	Government use
Everett, Wash.	DK	—	—	Pacific	Pacific W. T. Co.	Public service
Eureka, Cal.	PM	—	—	do	U. W. T. Co.	do
Farallon Islands, Cal.	TH	900	10 K. W.	Comp.	U. S. Navy	Government use
Fort Worden, Wash.	FW	—	1 K. W.	Signal Corps	U. S. Army	do
Friday Harbor, Wash.	PD	450	2 K. W.	Comp.	U. W. T. Co.	Public service
Kaldina, Wash.	PV	450	2 K. W.	do	do	do
Los Angeles, Cal.	G	375	2 K. W.	Pacific	Pacific W. T. Co.	do
Los Angeles, Cal.	PJ	400	2 K. W.	Comp.	U. W. T. Co.	do
Marshfield, Ore.	PX	400	2 K. W.	do	do	do
Mare Island, Cal. (navy-yard)	FG	900	2½ K. W.	do	U. S. Navy	Government use
N. P. H.	—	—	—	—	—	—
Olympia, Wash.	PV	—	—	do	U. W. T. Co.	Public service
North Head	SX	600	5 K. W.	Telefunken	do	do
Ilwaco, Wash.	—	—	—	—	—	—
Point Arguello, Surf, Cal.	TK	600	3 K. W.	Shoemaker	do	do
Pasadena, Cal. (Green Hotel)	DE	600	2 K. W.	Deforest	do	do
Point Loma, San Diego, Cal.	TM	900	10 K. W.	Comp.	do	do
Portland, Oreg.	PE	450	2 K. W.	do	U. W. T. Co.	Public service
Port Townsend, Wash.	D	550	100 miles	Pacific	Pacific W. T. Co.	do
Puget Sound, Wash. (navy-yard)	SP	425	3 K. W.	Comp.	U. S. Navy	Government use
Son Francisco, Cal.	SF	760	5 K. W.	Pacific	Pacific W. T. Co.	Public service

Name of station and location	Call Letter	Wave Length in meters	Power	System	Owner	Intended for
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UNITED STATES. (Pacific Coast).

Santiago, Cal.	PK	—	—	do	U. W. T. Co.	Public service
Santa Barbara, Cal.	DF	—	—	do	do	do
San Francisco, Cal.	PH	700	5 K. W.	do	Pacific W. T. Co.	do
Sacramento, Cal.	DG	—	—	do	do	do
Seattle, Wash.	PA	700	5 K. W.	Comp.	U. W. T. Co.	do
(Perry Hotel).						
Seattle, Wash.	DA	350	2 K. W.	Pacific	Pacific W. T. Co.	do
Table Bluff,	TD	425	3 K. W.	Massie	U. S. Navy	Government use
Loleta, Cal.						
Tacoma, Wash.	PB	450	2 K. W.	Comp.	U. W. T. Co.	Public service
Tacoma, Wash.	DB	450	—	do	do	do
(Tacoma Hotel).						
Tatoosh Island, Wash.	SV	600	15 K. W.	do	U. S. Navy	Government use
Westport, Wash.	PG	450	2 K. W.	do	U. W. T. Co.	Public service
Verba, Buena Island, (naval training)	TI	425	2 K. W.	do	U. S. Navy	Government use

UNITED STATES. (Alaska).

Circle City.	—	—	3 K. W.	Signal Corps	U. S. Army	Government use
Cordova.	SN	600	20 K. W.	Comp.	U. S. Navy	do
Cordova.	PO	—	2 K. W.	do	U. W. T. Co.	Public service
Fairbanks.	—	—	3 K. W.	Signal Corps	U. S. Army	Government use
Fort Egbert.	—	—	3 K. W.	do	do	op
Fort Gibbon.	—	—	10 K. W.	Massie	do	op
Fort St. Michael.	WS	—	3 K. W.	Signal Corps	do	op
Katalla.	PN	—	2 K. W.	Comp.	U. W. T. Co.	op
Ketchikan.	PP	—	2 K. W.	do	do	op
Petersburg.	—	—	1 K. W.	Massie	U. S. Army	do
Nome.	SA	—	10 K. W.	do	do	do
Sitka.	SO	600	20 K. W.	Pierce	U. S. Army	Government use
Wrangell.	—	—	1 K. W.	Signal Corps	do	do
Wilsons Point, Conn.	WN	—	—	Massie	—	—
Point Judith, R. I.	PJ	—	—	do	—	—

CANADA.

Point Armour light-house, Labrador.	PR	Var.	150 miles	Marconi	Canadian government	Public service
Whittle Rocks, Labrador.	WR	Var.	150 miles	do	do	do
Battle Harbor, Labrador.	BH	220	150 miles	do	Newfoundland government	do
Indian Harbor, Labrador.	—	—	—	do	do	do
Seal Island, Labrador.	—	—	—	do	do	do
Father Point, Quebec.	RT	—	High power	do	Canadian government	do
Cape Bear light-house, Prince Edward Island.	BF	—	—	do	do	do
Belle Isle, Quebec.	BL	Var.	150 miles	do	do	do
Fame Point light-house, Quebec.	FP	Var.	High power	do	do	do

Name of station and location	Call Letter	Wave Length in meters	Power	System	Owner	Intended for
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CANADA, (Continued).

Cape Race light-house, Newfoundland.	CE	—	350 miles	do	do	Public service
Cape Ray light-house, Newfoundland.	CR	—	High power	do	Newfoundland government	do
Venison Island, Labrador.	VI	220	150 miles	do	do	do
Domino, Labrador.	—	220	150 miles	do	Canadian government	do
Cape Sable light-house, Nova Scotia.	SB	220	150 miles	do	do	do
Cape Rich light-house.	TC	—	—	do	do	do
Cape Lazo.	PRD	—	—	do	do	do
Camperdown, Halifax, N. S.	MCN	—	150 miles	do	Marconi Co.	do
Partridge Island, St. Johns, N. B.	SJ	220	150 miles	do	do	do
Heath Point light-house, Anticosti.	HP	Var.	150 miles	do	do	do
Sable Island.	MSD	—	250 miles	do	do	do
Cape Breton.	—	—	High power	do	do	do
Sydney, N. S.	ND	—	—	do	Canadian government	do
Quebec.	Q	—	—	do	do	do
North-Vancouver, B. C.	PR	450	200 miles	De Forest	U. W. T. Co.	do
Pictou, N. S.	RU	—	—	—	Canadian government	do
Clark City, Seven Islands.	CK	—	—	do	do	do
Victoria, B. C.	PW	—	—	De Forest	do	do
Victoria, B. C.	VSD	Var.	100 miles	do	do	do
Victoria, B. C.	V	350	—	Shoemaker	do	do
Point Grey, B. C.	PGD	Var.	100 miles	do	do	do
Pachena Point (Cape Beal).	KPD	Var.	100 miles.	do	do	do
Estevan Point.	USD	Var.	100 miles	do	do	do
Cape Lazo.	SKD	Var.	100 miles	do	do	do

CUBA.

Santiago De Cuba.	PS	Var.	—	do	do	do
Havana.	HV	Var.	—	do	do	do

HAWAIIAN ISLANDS.

Honolulu	UC	425	2 K. W.	Comp.		
Barbers Point Oahu.	BP	300	1 K. W.	Marconi	Marconi Co.	Government use
Nawiliwili, Kauai.	NW	300	½ K. W.	do	do	Public service
Lahaina, Maui.	LH	300	1 K. W.	do	do	do
Pauko, Hawaii.	KA	300	1 K. W.	do	do	do
Kamalo, Molokai.	AM	300	½ K. W.	Comp.	do	do
Kahuku, Oahu.	HU	960	15 K. W.	do	do	do

LIST OF SHORE STATIONS BELONGING TO THE UNITED STATES NAVY.

Name of station	Call letter	System	Power in kilowatts	Wave length in meters
Cape Elizabeth, Me.	PA	Telefunken	5	425
Portsmouth, N. H. (navy-yard)...	PC	Stone	3	600
Boston, Mass. (navy-yard)....	PG	do	3	600
Mare Island, Cal.	PG			
Cape Cod, North Truro, Mass.	PH	Composite	5	425
Nantucket Shoal light-ship.....	PI	Telefunken	5	425
Newport, R. I. (naval torpedo station).	PK	do	5	600
		do	5	900
Fire Island, N. Y.	PR			
Brooklyn, N. Y. (navy-yard).....	PT	Stone	15	900
Philadelphia, Pa. (navy-yard)....	PV	do	3	425
Cape Henlopen, Lewes, Del.	PX	Composite	3	600
Annapolis, Md. (Naval Academy).	QG	do	2½	425
Washington, D. C. (navy-yard)....	QI	do	15	900
Norfolk, Va. (navy-yard).....	OL	do	3	900
Cape Henri, Va.	ON	do		
Diamond Shoal light-ship.....	QP	Fessenden	1	425
Pivers Island, Beaufort, N. C.	QS	Massie	5	425
Charleston, S. C. (navy-yard).....	QU	do	5	600
St. Augustine, Fla.	OX	Shoemaker	3	600
Jupiter Inlet, Neptune, Fla.	RA	do	3	600
Key West, Fla. (naval station)....	RD	De Forest	35	1,250
Dry Tortugas	RF			
Galveston, Texas	RT			290½
Pensacola, Fla. (navy-yard).....	RK	De Forest	10	900
New Orleans, La. (naval station).	RO	Telefunken	5	600
San Juan, P. R. (naval station)...	SA	De Forest	35	1,250
Culebra, W. I. (naval station)....	SD	Composite	3	425
Guantanamo, Cuba (naval station).	SI	De Forest	35	1,250
Isthmian Canal Zone, Colon.	SL	do	35	1,250
Cordova, Alaska	SN		20	600
Sitka, Alaska	SO	Pierce	20	600
Puget Sound, Wash. (navy-yard)...	SP	Composite	3	425
Tatoosh Island, Wash.	SV	do	15	600
North Head, Ilwaco, Wash.	SX	Telefunken	5	600
Cape Blanco, Denmark, Oreg.	TA	Massie	5	425
Table Bluff, Loleta, Cal.	TD	do	5	425
Mare Island, Cal. (navy-yard)....	TG	Composite	2½	900
Farallon Islands, Cal.	TH	do	10	900
Yerba Buena Island, Cal. (naval training station).	TI	do	2	425
Point Arguello, Surf, Cal.	TK	Shoemaker	3	600
Point Loma, San Diego, Cal.	TM	Composite	10	900
Honolulu, T. H. (naval station)...	UC	do	2	425
Island of Guam (naval station)...	UK	Telefunken	3	425
Cavite, P. I. (naval station)....	UT	Composite	5	600
Vabra Island	UY			

1910
Nov. 1909

LIST OF STATIONS BELONGING TO THE UNITED STATES ARMY.

Location of station	Call letter	System	Power
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UNITED STATES.

Fort Andrews, Mass.	—	Signal Corps	1 K. W.
Fort Hancock, N. J.	FN	do	1 K. W.
Fort H. G. Wright, N. Y.	FW	do	1 K. W.
Fort Leavenworth, Kans.	FL	do	—
Fort Levett, Me.	—	do	1 K. W.
Fort Morgan, Ala.	FN	—	—
Fort Monroe, Va.	—	do	1 K. W.
Fort Omaha, Nebr.	—	do	3 K. W.
Fort Riley, Kans.	—	do	—
Fort Totten, N. Y.	FT	do	1 K. W.
Fort Wood, N. Y.	FD	do	3 K. W.
Fort Worden, Wash.	FW	do	1 K. W.

ALASKA.

Circle City	—	Signal Corps	3 K. W.
Fairbanks	—	do	3 K. W.
Fort Egbert	—	do	3 K. W.
Fort Gibbon	PG	Massie	10 K. W.
Fort St. Michael	WS	Signal Corps	3 K. W.
Petersburg	—	Massie	1 K. W.
Safety Harbor, Nome	SA	do	10 K. W.
Nome	FD	—	—
Wrangell	—	Signal Corps	1 K. W.

PHILIPPINE ISLANDS.

Jolo	FS	Signal Corps	3 K. W.
Malalong	—	do	1 K. W.
Zamboanga	FM	do	1 K. W.

UNITED STATES ARMY TRANSPORT SERVICE.

Kilpatrick	ATK	Signal Corps	3 K. W.
Logan	ATL	do	3 K. W.
Sherman	ATR	do	3 K. W.
Sheridan	ATS	do	3 K. W.
Thomas	ATU	do	3 K. W.

LIST OF REVENUE CUTTERS

Name of ship	Call letter	Name of ship	Call letter
Mohawk	RCM	Acushnet	RCU
Onandaga	RCO	Algonquin	RCA
Rush	RCR	Androscoggin	RCD
Seminole	RCS	Apache	RCP
Seneca	RCE	Bear	RCB
Snohomish	RCF	Gresham	RCG
Thetis	RCT	Itasca	RCI
Tuscarora	RCL	Manning	RCN
Windom	RCW	McCulloch	RCH

LIST OF WIRELESS STATIONS ON BOARD MERCHANT VESSELS.

Name of vessel	Call letter	Name of Vessel	Call letter
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American Line

New York	MNK
Philadelphia	MPH
St. Louis	MSL
St. Paul	MSP

Atlantic Transport Line

Minnehaha	MMA
Minnetonka	MMK
Minneapolis	MMS

Cunard Line

Lusitania	MFA
Mauretania	MGA
Campania	MCA
Etruria	MEA
Iverson	MIA
Lucania	MLA
Pannonia	MNA
Carpattia	MPA
Caronia	MRA
Saxonia	MSA
Utonia	MTA
Umbria	MUA
Slavonia	MVA
Carmania	MAA

Anchor Line

Caledonia	MAI
Columbia	MOI
Furness	MFI

Allan Line

Bavarian	MBN
Virginian	MGN
Parisian	MPN
Tunisian	MTN
Victorian	MVN

Isle of Man Steam Packet Co.

Empress Queen	—
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White Star Line

Arabic	MCF
Baltic	MBC
Cedric	MPC
Celtic	MLC
Majestic	MMC
Oceanic	MOC
Teutonic	MTC
Cymric	MGC
Adriatic	MHC

Cie. Générale Transatlantique.

La Lorraine	MLL
La Touraine	MLT
La Bretagne	MLB
La Champagne	MLC
La Savoie	MLS
La Gascogne	MLG
La Provence	MLP
La Chicago	MLY

Belgium S. S.

Princess Clementine	MPC
La Flandre	MLF
Princess Henriette	MPH
Princess Josephine	MPJ
Princess Elizabeth	MPE
Leopold II.	MLD
Marie Henriette	MMH
Prince Albert	MPA
La Rapide	MRD
Ville de Douvres	MVD

Red Star Line

Zeeland	DZD
Vaderland	DVD
Finland	DFD
Kroonland	DKD

North German Lloyd

Kaiser Wilhelm der Grosse	DKW
Kaiser Wilhelm II.	DKM
Kronprinz Wilhelm	DKP
Bremen	DBR
Grossherzog von Oldenburg	DGO
Kronprinzessin Cecilie	DKA
Bremen	DBR
Grosser Kurfurst	DKG

Hamburg-American Line

Deutschland	DDL
Moltke	DDM
Blucher	DDB
Amerika	DDR
Meteor	DMR
Konig Friederich August	DKF
Hamburg	DDH
Kaiserin Augusta Victoria	DDA
Patricia	DDP
Graf Waldersee	DDW
Pennsylvania	DDN
President Grant	DDS
President Lincoln	DDT
Konig Wilhelm	DKG

Name of vessel	Call letter	Name of vessel	Call letter
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Hamburg-South American Line

Cap Vilano	DCV
Cap Ortegale	DCO
Cap Blanco	DCB
Cap Arcona	DCA
Cap Frio	DCF
Cap Verde	DCE
Cap Roca	DCR

Hamburg-American (Atlas Line)

Sarnia	DSM
Sibirio	DSV
Prinz August Wilhelm	DSB
Prinz Eitel Friedrich	DSF
Prinz Joachim	DSP
Prinz Sigismund	DSG
Oceano	SK

Kiel Korsör Line

Prince Adalbert	DPA
Prince Sigismund	DPS
Prince Waldemar	DPW

Government

Pilot steamer Jade	AJA
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Scandinavian Am.

United States	SUS
King Oscar II.	SOR
Hellig Olav	SHO
J. F. Tietgen	SCF

Holland-American Line

Noordam	DHA
Statendam	DHS
Ryndam	DHY
Potsdam	DHM
New Amsterdam	DHB
Rotterdam	DHR

Navigazione Generale Italiana

Sicilia	MAC
Lombardia	MAB
Liguria	MAL
Sardegna	MAS
Umbria	MAU
Duca Degli Abruzzi	MAD
Verona	MOV
Nord America	MVR

La Veloce Line

Citta di Napoli	MVC
Sud America	MVS

Austro-American Line

Martha Washington	MUW
Alice	MUL
Argentina	MUG
Oceania	MUO

Canadian Steamers

Empress of Britain	MPM
Empress of Ireland	MPL
Lake Champlain	MLN
Lake Erie	MLE
Lake Manitoba	MLM
Lake Michigan	MLH
Montezuma	MLK
Montreal	MLI
Montrose	MLJ
Montfort	MLW
Mount Royal	MLO
Canada	MCT
Lady Laurier	MLR
Minto	MMT
Stanley	MST
Montcalm	MNL

Red "D" Line

Philadelphia	DA
Caracas	DB

Mallory S. S. Line

Denver	AD
Concho	AC
San Jacinto	AS
Lampasas	AP
Sabine	AB
Rio Grande	AG
Nueces	AH
Alamo	AJ
San Marcos	AK
Comal	AM
Colorado	AF
Brazos	AZ

Quebec S. S. Line

Bermudian	BA
Trinidad	BD

N. Y. and Porto Rico S. S. Co.

Coamo	CA
Carolina	CB
San Juan	CJ
Ponce	CP
Seneca	CS

Bermuda Atlantic S. S. Co.

Prince George	BJ
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Name of vessel	Call letter	Name of vessel	Call letter
Ocean S. S. Co. of Savannah, Ga.		Maine S. S. Co.	
City of Columbus	FA	Horatio Hall	JH
City of Atlanta	FB	Manhattan	JM
City of Macon	FC	North Star	JS
City of Memphis	FD	New England Navigation Co.	
City of Savannah	FH	Plymouth	HY
Kansas City	FK	Providence	PV
Chattahoochee	FO	Priscilla	CA
Nacoochee	FP	Commonwealth	CW
City of Augusta	FJ	Pilgrim	GM
Old Dominion Line		New Hampshire	NS
Hamilton	OA	Maine	MA
Princess Anne	OB	City of Lowell	WE
Jamestown	OC	Chester W. Chapin	HN
Jefferson	OD	Boston	BN
Monroe	ON	Pequonnock	NK
Ward Line		City of Taunton	O
Merida	WM	Puritan	RN
Havana	WH	Kennebec	MK
Saratoga	WS	Royal Mail Steam Packet Co.	
Mexico	WX	Tagus	NS
Morro Castle	WC	Trent	NR
Monterey	WY	Atrato	NA
Esperanza	WZ	Clyde	NK
Vigilancia	WV	Orinoco	NO
Seguranca	WG	Magdalena	ND
Sun Oil Co.		Lee Plata La.	NU
Paraguay	YA	Oruba	NU
Toledo	YD	Nile	NJ
The Fisheries Co.		United Fruit Co.	
Mindora	XM	Ellis	UA
Walter Adams	XD	Preston	UB
Alaska	XK	Cartago	UC
J. L. Lawrence	XN	Admiral Schley	UG
Jos. Wharton	XW	Admiral Farragut	UF
Arizona	XA	Admiral Dewey	UD
Quick Step	XQ	J. M. Guffey Petroleum Co.	
Metropolitan Line		Larimer	OA
Yale	RY	Ligonier	GO
Harvard	RH	Winifred	OW
Panama R. R. Co.		J. M. Guffey	OF
Panama	MH	Barge Shenango	OC
Allianca	MA	Oklahoma	QB
Colon	MX	Munson Line	
Advance	MV	Mobila	PU
Finance	MF	Southern Pacific	
P. and O. Nav. Co.		Momus	KM
Olivette	KV	Antilles	KA
Mascote	KM	Creole	KR
Baltimore and Ohio R. R. Co.		El Norte	EN
Tug Savage	HS	Clyde S. S. Co.	
		Comanche	VC
		Apache	VA
		Huron	VH
		Iroquois	VF
		Algonquin	VG
		Arapahoe	VB
		Seminole	VI
		Cherokee	VK
		Mohawk	VN

Name of vessel	Call letter	Name of vessel	Call letter
East Asiatic S. S. Co.		North Pacific S. S. Co.	
Lituania	SLA	Geo. W. Elder	M2
Estonia	SCA	Roanoke	S2
Russia	SRM		
Hudson River, Peoples Line		Consolidated Coal Co.	
Adirondack	XD	Tug Savage	HS
C. W. Morse	XC	San Francisco and Portland S.S. Co	
Hudson River, Albany Day Line		Rose City	H2
New York		Humboldt S. S. Co.	
Hendrick Hudson	XA	Humboldt	D2
Independent S. S. Co.		Alaska Pacific Co.	
Rosina	TR	Buckman	P7
Jos. Vacarro	TV	Watson	P8
Insular Line		Alaska Coast Co.	
Luckenbach	YA	Portland	P3
Clark Towing Co.		Bertha	P9
E. C. Clark	—	Alaska S. S. Co.	
Standard Oil Co.		Yucatan	AG
Capt. A. F. Lucas	GB	Pennsylvania	AH
Astral	GS	Victoria	AD
City of Everett	GF	Santa Clara	AK
Barge No. 95	GP	Northwestern	AN
Barge No. 94	GH		
Gypsum King	GK	Matson Navigation Co.	
Commercial Cable Co.		Enterprise	P1
Mackay-Bennett	MMB	Hilonian	P2
J. G. Bennett's steam yacht		Lurline	U2
Lysistrata	LA	Associated Oil Co.	
Motor yacht		W. S. Potter	RD
Sea Otter	WY	Tacoma Tug and Barge Co.	
Detroit and Buffalo S. S. Co.		Fearless	N2
Western States	CS	Chlopeck Fish Co.	
Detroit and Cleveland S. S. Co.		Chicago	AB
City of Detroit	CD	Standard Oil Co.	
City of Cleveland	CC	Col. E. L. Drake	P5
Graham and Morton Transportation Co.		Barge No. 3	P6
Puritan	SO	British Columbia Salvage Co.	
Holland	NO	Salvor	SAL
City of Benton Harbor	AO	Tokyo Kisen Kaisha Line	
City of Chicago	PO	Americamaru	TMC
Goodrich Transit Co.		Tenyonmaru	TTY
Christopher Columbus	KC	Hongkongmaru	THK
Carolina	NC	Nipponmaru	TNP
Sheboygan	MC	Iyomaru	YIY
Indiana	SC	Tosamaru	YTS
Chicago	HO	Kagamaru	YKG
Crosby Transportation Co.		Tangomaru	YTG
Nyack	BM	Shinanomaru	YSN
E. G. Crosby	FM	Akimaru	YAK
Pacific Coast S. S. Co.		Russian East Asiatic Line	
President	V2	Lituania	SLA
Governor	B2	Estonia	SEA
City of Pueblo	G2	Russia	SRN
Queen	A2		

LIST OF VESSELS OF THE UNITED STATES NAVY.

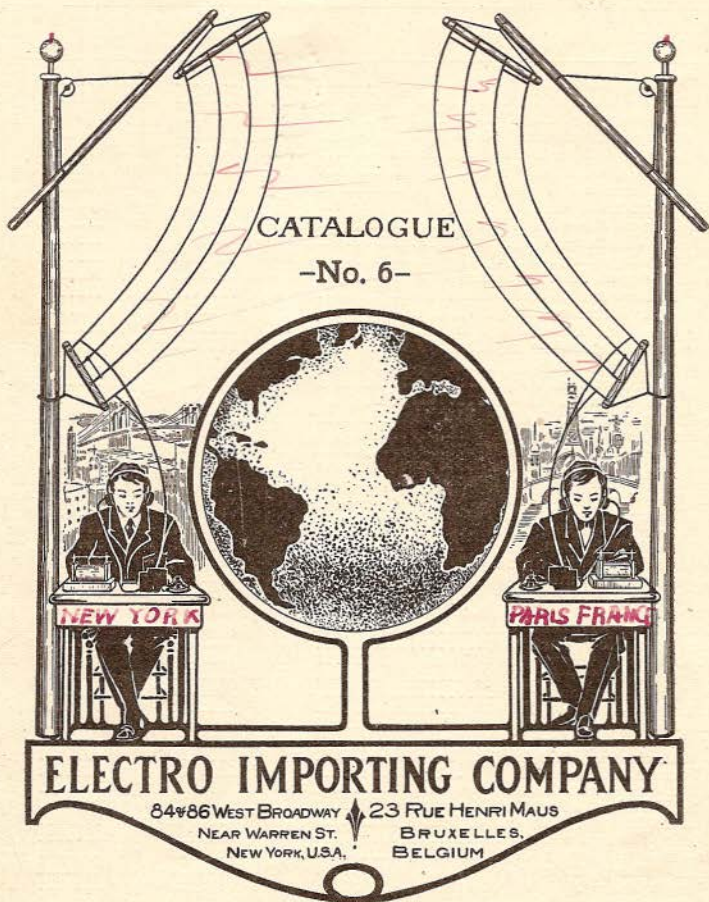
Name of vessel	Call letter	Name of vessel	Call letter
Abarenda	BA	Gloucester	EO
Adams	BC	Goldsbrough	EP
Ajax	BD	Hannibal	EW
Alabama	BE	Hartford	EX
Albany	BF	Helena	EY
Alert	BG	Hopkins	EZ
Alexander	BH	Hull	FA
Amphitrite	BJ	Idaho	FK
Annapolis	BK	Illinois	FL
Arethusa	BL	Indiana	FM
Arizona	BM	Intrrepid	FN
Arkansas	BN	Iowa	FO
Atlanta	BO	Iris	FP
Bainbridge	BU	Isla de Cuba	FO
Baltimore	BV	Isla de Luzon	FR
Bancroft	BW	Kansas	GF
Barry	BX	Katahdin	GH
Bennington	BY	Kearsarge	GI
Birmingham	BZ	Kentucky	GK
Boston	CA	Lawrence	GP
Boxer	CB	Lebanon	GR
Brooklyn	CD	Leonidas	GS
Brutus	CE	Louisiana	GT
Buffalo	CF	MacDonough	HA
Caesar	SN	Machias	HB
California	CO	Maine	HC
Castine	CP	Marblehead	HD
Celtic	CO	Marcellus	HE
Charleston	CR	Marietta	HF
Chattanooga	CS	Maryland	HG
Chauncey	CT	Massachusetts	HI
Chesapeake	CU	Mayflower	HJ
Chester	CV	Miantonomoh	HK
Chicago	CW	Michigan	HL
Cincinnati	CX	Milwaukee	HM
Cleveland	CY	Minneapolis	HN
Colorado	CZ	Minnesota	HO
Columbia	DA	Mississippi	HP
Concord	DB	Missouri	HQ
Connecticut	DC	Monadnock	HS
Constellation	DE	Montana	HU
Constitution	DF	Monterey	HV
Culgoa	DG	Montgomery	HW
Cumberland	DH	Nanshan	IC
Dale	DM	Nashville	ID
Decatur	DN	Nebraska	IE
Delaware	DC	Nero	IF
Denver	DP	Nevada	IG
Des Moines	DO	Newark	IH
Detroit	DR	New Hampshire	II
Dixie	DS	New Jersey	IK
Dolphin	DT	New Mexico	IL
Don Juan de Austria	DU	New Orleans	IM
Dubuque	DV	Newport	IN
Elcano	EB	New York	IO
Erie	EC	North Carolina	IP
Farragut	ED	North Dakota	IQ
Florida	EF	Ohio	IW
Galveston	EL	Oklahoma	IX
Georgia	EM	Olympia	IY
Glacier	EN	Ontario	IZ

Name of vessel	Call letter	Name of vessel	Call letter
Oregon	JA	Stewart	KP
Paducah	JF	St. Louis	KO
Panther	JG	Supply	KR
Paul Jones	JH	Tallahassee	KW
Pennsylvania	JI	Tacoma	KX
Perry	JK	Tennessee	KY
Petrel	JL	Terror	KZ
Pompey	JM	Texas	LA
Prairie	JN	Topeka	LB
Preble	JO	Truxton	LC
Princeton	JP	Utah	LI
Puritan	JQ	Vermont	LO
Rainbow	JV	Vicksburg	LP
Raleigh	JW	Virginia	LO
Ranger	JX	Washington	LW
Relief	JZ	West Virginia	LX
Rhode Island	KA	Wheeling	LY
Salem	KG	Whipple	IJ
San Francisco	KH	Wilmingon	MA
Saturn	KI	Wisconsin	MB
Scorpion	KJ	Worden	MC
Solace	KL	Wyoming	MD
South Carolina	KM	Yankee	MJ
South Dakota	KN	Yankton	MK
Sterling	KO	Yorktown	ML

UNITED STATES AMATEUR STATIONS.

Name and address of owner	Call letter	Approximate wave length in meters	Spark length of induction coil	
Melvin Getchell, West Medford, Mass.	MG	185	1 1/2	ins.
Fred Klingenschmidt, New York City	TT	61	1/2	"
Coke Flanagan Montclair, N. J.	FN	530	1	"
V. S. Ivey, Lenoir, N. C.	SI	100	4	"
David Marcus, St. Louis, Mo.	DM	500	2	"
Neat M. Tate, Vacaville, Cal.	NT	218	2	"
Ben Orr, Dallas, Texas.	BO	77	1	"
Bowden Washington, New York City	BW	185	1 1/2	"
Melvin M. Bonham, Covina, Cal.	MB	75	1 1/2	"
John D. Kattenhorn, Jr., New York City	DK	135	1 1/2	"
Eric Leavens, Brooklyn, N. Y.	ZL	240	1 1/2	"
Ralph Jeffers, Rochester, N. Y.	I	125		"
L. Spangenberg, Paterson, N. J.	RS	70	2 1/2	"
St. George's School, Newport, R. I.	NB	170	2	"
Jas. McNair, Jr., Lakewood, N. J.	HC	117	2	"
S. Conradi Vance, Los Angeles, Cal.	CV	55	1/2	"
J. O. Smith, New York City.	SX	325	4	"
I. B. Hyatt, Mt. Vernon, O.	HY	400	2	"
H. E. Sumner, Brooklyn, N. Y.	HS	40	1	"
Maxwell P. Hellman, New York City.	MM	75	1	"
Fred Stiefel, New York City.	FC	306	10	"
Ozone Wireless Co., San Francisco, Cal.	MJ	80	6	"
Jack Steurer, New York City.	EL	320	6	"
George Schmitt, New York City.	EL	320	6	"
Frank E. Daubenbiss, Capitola, Cal.	TX	150	1	"
C. R. Myers, Westwood, N. J.	CM	32	2	"
A. C. Austin, Jr., Hasbrouck Heights, N. J.	AU	200	2	"
Otto E. Curtis, Rochester, N. Y.	Q	152	1	"

Name and address of owner	Call letter	Approximate wave length in meters	Spark length of induction coil
M. D. Douglas, Hasbrouck Heights, N. J.	MD	100	$\frac{3}{4}$ ins.
Harry Gross, Hackensack, N. J.	HG	125	$\frac{3}{4}$ "
Albert Higson, Jersey City, N. J.	AH	75	1 "
Harold E. Peck, Providence, R. I.	PE	40	1 "
J. Peters, Jr., Florissant, Mo.	PI	125	4 "
L. S. Stevens, Marlboro, Mass.	LS	60	$1\frac{1}{2}$ "
Newell A. Thompson, Brookline, Mass.	KN	400-700	$\frac{1}{4}$ K. W.
Earl Vogel, Ashton, Ill.	AN	56	2 ins.
William Wilson, New York City	WWN	300	4 "
F. R. Breck, Bayonne, N. J.	FPS	300	2 "
W. N. Broz, Cape May, N. J.	FBZ	46	1 "
Alpha M. Koester, North Powder, Ore.	MZR	35	4 "
Edward T. Eastman, West Rochester, N. Y.	EET	40	1 "
R. P. Wilson, Metuchen, N. J.	RPW	70	1 "
Edwin Justin, Jr., Bloomsburg, Pa.	ETJ	100	$4\frac{1}{2}$ "
C. Raymond Miller, Baldwinsville, N. Y.	CRM	77	14 "
H. Bassett, Shorthills, N. J.	BCT	35	1 "
J. R. Carty, Shorthills, N. J.	BCT	35	1 "
A. W. Pratt, Noroton, Conn.	APT	135	2 "
Cromwell Gibbons, Jr., Jacksonville, Fla.	CR	72	1 "
E. B. Peters, Providence, R. I.	BP	160	1 "
Louis Bonsib, Vincennes, Ind.	XL	120	3 "
Philip Wood, Arlington, Mass.	PW	210	$1\frac{1}{2}$ "
Dr. Carroll H. Fink, Ferdinand, Fla.	CP	104	12 "
Don G. Burnside, Pt. Pleasant, W. Va.	KB	80	2 "
Kendall Bushnell, Arlington, Mass.	PS	80	$1\frac{1}{2}$ "
A. K. Braman, Newport, R. I.	PS	245	1 "
Ralph Damon, Whitman, Mass.	RDM	175	2 "
Geo. and Fred Taylor, Susanville, Cal.	GFT	61	1 "
Karl T. Spark, S. Butte, Mont.	KSM	400	3 "
J. A. Marriott, Seattle, Wash.	JAM	120	$1\frac{1}{2}$ "
Thos. Appleby, West Philadelphia, Pa.	HNM	360	$1\frac{1}{2}$ "
H. M. Atwater, Kentfield, Cal.	KNM		1 "
J. Winne, Jr., New York City	JWM	150	2 "
Earl C. Hawkins, Minneapolis, Minn.	HAM	62	$1\frac{1}{2}$ "
Chas. J. Meyers, Albany, N. Y.	CTM	175	1 "
Harry Butz, Mazomaine, Wis.	IBM	170	$1\frac{1}{4}$ "
S. W. Case, Marcellus, N. Y.	SWC	335	2 K. W.
Geo. H. Nixon, Hackettstown, N. J.	GHN	365	1 ins.
Walter E. Haaren, New York City	WEM	135	$2\frac{1}{2}$ "
Alvah Rittenhouse, Philadelphia, Pa.	PRM	80	3 "
G. S. Vernam, Brooklyn, N. Y.	GSW	245	$1\frac{1}{2}$ "
Meade N. Powell, St. Louis, Mo.	MPM	135	2 "
Rochester Wireless Teleg. Co., Rochester, N. Y.	H	125	2 "
Allen Lee Whitman, Cambridge, Mass.	ALW	110	$\frac{1}{4}$ "
Max Wells, Riverside, Cal.	MWX	85	3 "
*Frank McGram, Jersey City, N. J.	FMX	64	
Edwin R. Willard, Chicago, Ill.	ERW	110	$\frac{1}{4}$ K. W.
John Joseph Rodrick Veary, Boston, Mass.	RVM	35	$2\frac{1}{2}$ ins.
Geo. Burrell, Avon, Ohio.	GBA	125	$\frac{1}{2}$ "
J. Clayton Rantall, Albany, N. Y.	S4	130	4 "
Chas. E. Spinney, Sanford, Me.	CES	135	2 "
*R. S. Burt, North Paterson, N. J.	RBM	210	
Earle L. M. Coolidge, Everett, Mass.	EMC	70	$1\frac{1}{2}$ "
Frederick Wommer, Minneapolis, Minn.	FWM	74	$1\frac{1}{2}$ "
Ray Newby, San Jose, Cal.	EZM	235	3 "
E. D. Porter, Lewistown, Mont.	POM	950	2 K. W.
Paul J. Hackett, Walla Walla, Wash.	PIH	165	3 "
Thos. I. P. Shannon, Los Angeles, Cal.	SIM	160	2 "
B. Frank Rittenhouse, N. Woodbury, N. J.	ARM	105	
W. Zimmermann, Hasbrouck Heights, N. J.	WZ	200	$\frac{1}{2}$ "



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APR 1ST.

1910

APP.

CHANGED TO

XAW

XMJ

XMH

XKW

XMG

XKA.

XBS

XKS

XKQ

XMV

1910 LUDINGTON

+ many others.

1910 and Sta. in all.
up to July 1st.

Boat. Sta. w.co.

Indiana Transp. Co.

United States U. S.

X7M

Theodore Roosevelt R.V.

X7K

Signaling To Mars

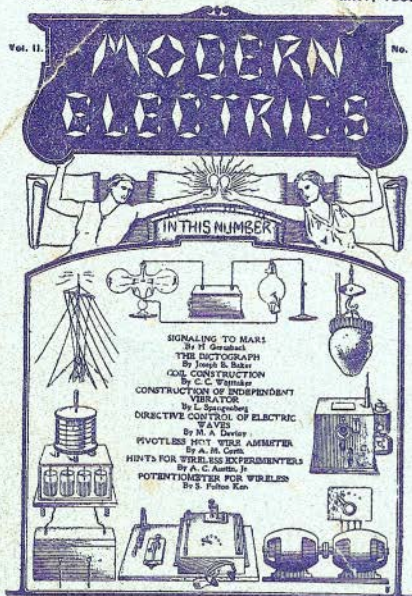
IN THIS ISSUE

PRICE 10 CENTS

MAY, 1909

Vol. II.

No. 2



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